

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"alanine dodecylamide"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/04 11:37
L2	2	L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/04 11:37
L3	9	"D-serine transport inhibitor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/04 11:37
L4	9	L3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/04 11:37

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1617SXX

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	4	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	5	MAY 11	KOREAPAT updates resume
NEWS	6	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	7	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	8	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	9	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	10	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS	11	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS	12	JUL 11	CHEMSAFE reloaded and enhanced
NEWS	13	JUL 14	FSTA enhanced with Japanese patents
NEWS	14	JUL 19	Coverage of Research Disclosure reinstated in DWPI
NEWS	15	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	16	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	17	AUG 30	CA(SM)/CAPLUS(SM) Austrian patent law changes
NEWS	18	SEP 11	CA/CAPLUS enhanced with more pre-1907 records
NEWS	19	SEP 21	CA/CAPLUS fields enhanced with simultaneous left and right truncation
NEWS	20	SEP 25	CA(SM)/CAPLUS(SM) display of CA Lexicon enhanced
NEWS	21	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS	22	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS	23	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS EXPRESS		JUNE 30	CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:41:47 ON 04 OCT 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:42:22 ON 04 OCT 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 OCT 2006 HIGHEST RN 909488-17-1

DICTIONARY FILE UPDATES: 3 OCT 2006 HIGHEST RN 909488-17-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s D-alanine dodecylamide

8276457 D

321672 ALANINE

1 ALANINES

321672 ALANINE

(ALANINE OR ALANINES)

36 DODECYLAMIDE

L1 0 D-ALANINE DODECYLAMIDE

(D(W)ALANINE(W)DODECYLAMIDE)

=> s D-alanine dodecylamide/cn

L2 0 D-ALANINE DODECYLAMIDE/CN

=> s alanine dodecylamide/cn

L3 0 ALANINE DODECYLAMIDE/CN

=> s 477243-32-6

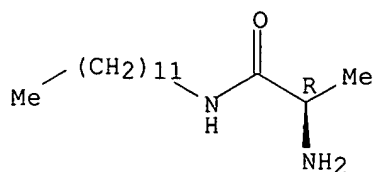
L4 1 477243-32-6

(477243-32-6/RN)

=> d str cn L4

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN Propanamide, 2-amino-N-dodecyl-, (2R)- (9CI) (CA INDEX NAME)

=> s dodecyl and alanine

127298 DODECYL
1 DODECYLS
127298 DODECYL
(DODECYL OR DODECYLS)
321672 ALANINE
1 ALANINES
321672 ALANINE
(ALANINE OR ALANINES)

L5 1390 DODECYL AND ALANINE

=> s L5 and amide

4190073 AMIDE
1064 AMIDES
4190073 AMIDE
(AMIDE OR AMIDES)

L6 14 L5 AND AMIDE

=> dup rem L6

DUPLICATE IS NOT AVAILABLE IN 'REGISTRY'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L6

L7 14 DUP REM L6 (0 DUPLICATES REMOVED)

=> d 1-5 str rn cn

L7 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 688004-76-4 REGISTRY

CN β -Alanine, N-dodecyl-, monosodium salt, mixt. with
N-(hydroxyethyl) coco amides and α -sulfo- ω -
(tridecyloxy)poly(oxy-1,2-ethanediyl) sodium salt (9CI) (CA INDEX
NAME)

OTHER NAMES:

CN Miracare SLB 365

L7 ANSWER 2 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN

RN 336627-59-9 REGISTRY

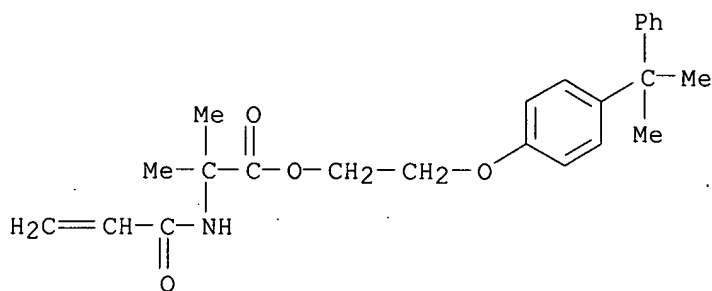
CN Alanine, 2-methyl-N-(1-oxo-2-propenyl)-, 2-[4-(1-methyl-1-
phenylethyl)phenoxy]ethyl ester, polymer with dodecyl 2-propenoate,
1,6-hexanediyl di-2-propenoate, N-octyl-2-propenamide and
rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

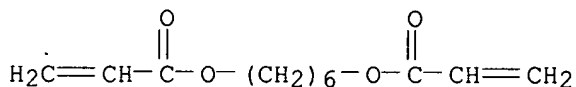
CN 2-Propenamide, N-octyl-, polymer with dodecyl 2-propenoate,
1,6-hexanediyl di-2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine
2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester and rel-(1R,2R,4R)-1,7,7-
trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)
CN 2-Propenoic acid, (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl

- ester, rel-, polymer with dodecyl 2-propenoate, 1,6-hexanediyl di-2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester and N-octyl-2-propenamide (9CI)
- CN 2-Propenoic acid, 1,6-hexanediyl ester, polymer with dodecyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)
- CN 2-Propenoic acid, dodecyl ester, polymer with 1,6-hexanediyl di-2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)

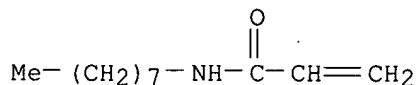
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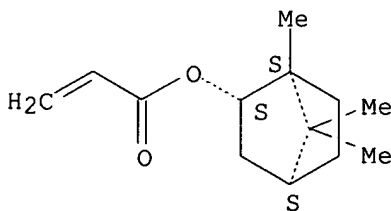


CM 3

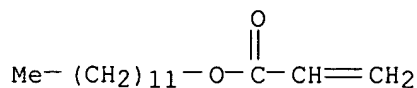


CM 4

Relative stereochemistry.



CM 5



L7 ANSWER 3 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN

RN 336627-58-8 REGISTRY

CN Alanine, 2-methyl-N-(1-oxo-2-propenyl)-, 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, polymer with dodecyl 2-propenoate, isooctyl 2-propenoate, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

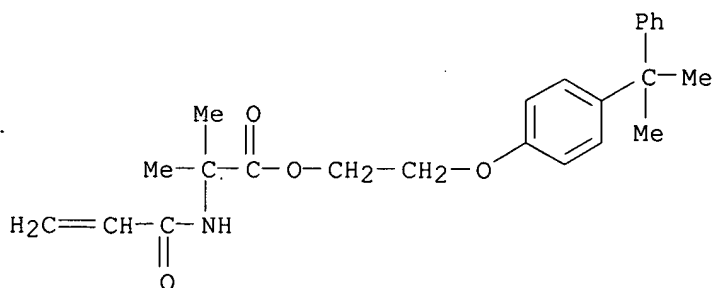
CN 2-Propenamide, N-octyl-, polymer with dodecyl 2-propenoate, isooctyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)

CN 2-Propenoic acid, (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, rel-, polymer with dodecyl 2-propenoate, isooctyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester and N-octyl-2-propenamide (9CI)

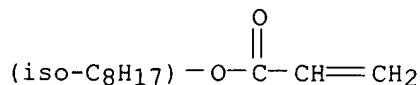
CN 2-Propenoic acid, dodecyl ester, polymer with isooctyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)

CN 2-Propenoic acid, isooctyl ester, polymer with dodecyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)

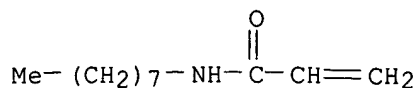
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CM 2

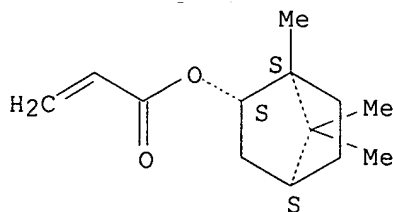


CM 3

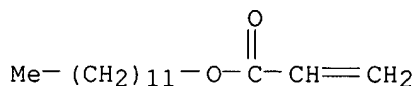


CM 4

Relative stereochemistry.



CM 5



L7 ANSWER 4 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN

RN 336627-55-5 REGISTRY

CN Alanine, 2-methyl-N-(1-oxo-2-propenyl)-, 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, polymer with dodecyl 2-propenoate, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI) (CA INDEX NAME)

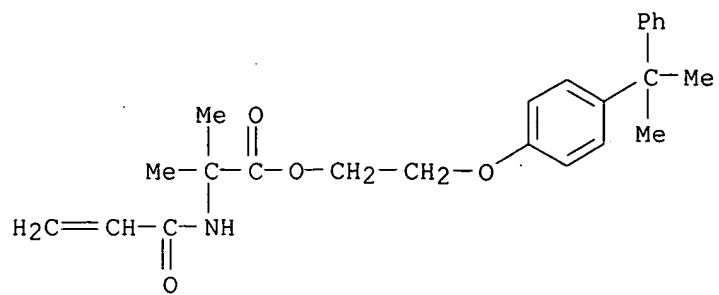
OTHER CA INDEX NAMES:

CN 2-Propenamide, N-octyl-, polymer with dodecyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)

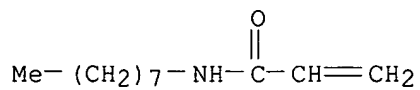
CN 2-Propenoic acid, (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester, rel-, polymer with dodecyl 2-propenoate, 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester and N-octyl-2-propenamide (9CI)

CN 2-Propenoic acid, dodecyl ester, polymer with 2-methyl-N-(1-oxo-2-propenyl)alanine 2-[4-(1-methyl-1-phenylethyl)phenoxy]ethyl ester, N-octyl-2-propenamide and rel-(1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl 2-propenoate (9CI)

CM 1

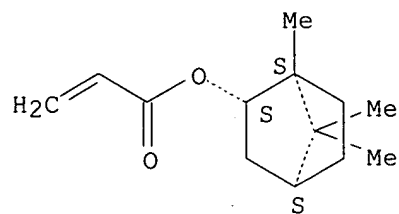


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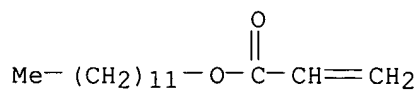


CM 3

Relative stereochemistry.

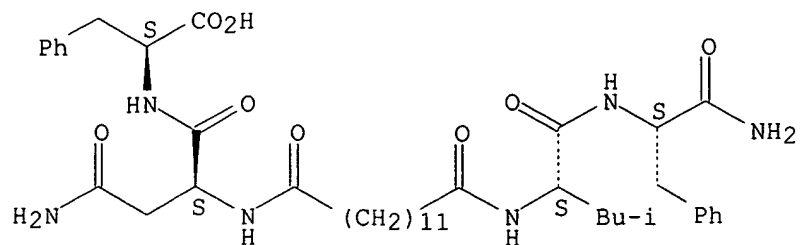


CM 4



L7 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

RN 300585-85-7 REGISTRY
CN L-Phenylalanine, N2-(12-carboxy-1-oxododecyl)-L-asparaginy-,
(1→1')-amide with L-leucyl-L-phenylalaninamide (9CI) (CA
INDEX NAME)

=> d 5-14 cn rn ibib

L7 ANSWER 5 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
CN L-Phenylalanine, N2-(12-carboxy-1-oxododecyl)-L-asparaginy-,
(1→1')-amide with L-leucyl-L-phenylalaninamide (9CI) (CA
INDEX NAME)
RN 300585-85-7 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 133:275856 CA
TITLE: Small-molecule inhibitors of HIV-1 protease
dimerization derived from cross-linked interfacial
peptides
AUTHOR(S): Shultz, Michael D.; Bowman, Michael J.; Ham,
Young-Wan; Zhao, Xuimin; Tora, George; Chmielewski,
Jean
CORPORATE SOURCE: Department of Chemistry, Purdue University, West
Lafayette, IN, 47907, USA
SOURCE: Angewandte Chemie, International Edition (2000),
39(15), 2710-2713
CODEN: ACIEF5; ISSN: 1433-7851
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
CN L-Phenylalaninamide, N-(12-carboxy-1-oxododecyl)-L-threonyl-L-leucyl-
, (1→1')-amide with L-asparaginy-L-phenylalanine (9CI) (CA
INDEX NAME)
RN 300585-80-2 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 133:275856 CA
TITLE: Small-molecule inhibitors of HIV-1 protease
dimerization derived from cross-linked interfacial
peptides
AUTHOR(S): Shultz, Michael D.; Bowman, Michael J.; Ham,
Young-Wan; Zhao, Xuimin; Tora, George; Chmielewski,
Jean
CORPORATE SOURCE: Department of Chemistry, Purdue University, West
Lafayette, IN, 47907, USA
SOURCE: Angewandte Chemie, International Edition (2000),
39(15), 2710-2713
CODEN: ACIEF5; ISSN: 1433-7851
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN

CN 7-36-Glucagon-like peptide I (human), 8-(2-methylalanine)-26-L-
 arginine-34-[N6-[(4-dodecyl-1-piperazinyl)acetyl]-L-lysine]-35-(2-
 methylalanine)-36-L-argininamide- (9CI) (CA INDEX NAME)
 RN 275823-11-5 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 133:43815 CA
 TITLE: Preparation of glucagon-like peptide-1 (GLP-1) analogs
 INVENTOR(S): Dong, Zheng Xin
 PATENT ASSIGNEE(S): Societe de Conseils de Recherches et d'Applications
 Scientifiques S.A., Fr.
 SOURCE: PCT Int. Appl., 64 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034331	A2	20000615	WO 1999-EP9660	19991207
WO 2000034331	A3	20001116		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2353574	AA	20000615	CA 1999-2353574	19991207
BR 9915961	A	20010821	BR 1999-15961	19991207
EP 1137667	A2	20011004	EP 1999-963437	19991207
EP 1137667	B1	20041117		
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JP 2002531578	T2	20020924	JP 2000-586773	19991207
JP 3702181	B2	20051005		
AU 762012	B2	20030619	AU 2000-19736	19991207
RU 2214418	C2	20031020	RU 2001-118855	19991207
EP 1359159	A2	20031105	EP 2003-76490	19991207
EP 1359159	A3	20040721		
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NZ 511931	A	20040130	NZ 1999-511931	19991207
ZA 200304047	A	20040203	ZA 2003-4047	19991207
CN 1495198	A	20040512	CN 2003-2003136712	19991207
CZ 294029	B6	20040915	CZ 2001-1748	19991207
AT 282635	E	20041215	AT 1999-963437	19991207
NZ 527241	A	20041224	NZ 1999-527241	19991207
PT 1137667	T	20050228	PT 1999-963437	19991207
ES 2230912	T3	20050501	ES 1999-963437	19991207
CZ 295044	B6	20050518	CZ 2003-1289	19991207
PL 189664	B1	20050930	PL 1999-362031	19991207
CZ 295768	B6	20051012	CZ 2004-573	19991207
CZ 295889	B6	20051116	CZ 2004-572	19991207
CZ 295890	B6	20051116	CZ 2004-591	19991207
CZ 295891	B6	20051116	CZ 2004-592	19991207
TW 593338	B	20040621	TW 1999-88121401	20000306
ZA 2001004478	A	20031201	ZA 2001-4478	20010531
NO 2001002786	A	20010720	NO 2001-2786	20010606
US 6903186	B1	20050607	US 2001-857636	20011102
HK 1037196	A1	20050324	HK 2001-107772	20011106

NO 2003002093	A	20010720	NO 2003-2093	20030509
US 2004018981	A1	20040129	US 2003-629261	20030728
JP 2004131473	A2	20040430	JP 2003-283316	20030731
JP 2005132845	A2	20050526	JP 2004-363831	20041216
US 2005233969	A1	20051020	US 2005-145782	20050606
AU 2005203169	A1	20050811	AU 2005-203169	20050721
JP 2006151988	A2	20060615	JP 2005-374822	20051227

PRIORITY APPLN. INFO.:

US 1998-111255P	19981207
US 1998-206601	19981207
EP 1999-963437	19991207
JP 2000-586773	19991207
WO 1999-EP9660	19991207
US 2001-857636	20011102
AU 2003-202533	20030327
JP 2003-283316	20030731

L7 ANSWER 8 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
 CN 7-36-Glucagon-like peptide I (human), 8-(2-methylalanine)-26-[N6-[(4-dodecyl-1-piperazinyl)acetyl]-L-lysine]-34-L-arginine-35-(2-methylalanine)-36-L-argininamide- (9CI) (CA INDEX NAME)
 RN 275822-99-6 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 133:43815 CA
 TITLE: Preparation of glucagon-like peptide-1 (GLP-1) analogs
 INVENTOR(S): Dong, Zheng Xin
 PATENT ASSIGNEE(S): Societe de Conseils de Recherches et d'Applications Scientifiques S.A., Fr.
 SOURCE: PCT Int. Appl., 64 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034331	A2	20000615	WO 1999-EP9660	19991207
WO 2000034331	A3	20001116		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2353574	AA	20000615	CA 1999-2353574	19991207
BR 9915961	A	20010821	BR 1999-15961	19991207
EP 1137667	A2	20011004	EP 1999-963437	19991207
EP 1137667	B1	20041117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002531578	T2	20020924	JP 2000-586773	19991207
JP 3702181	B2	20051005		
AU 762012	B2	20030619	AU 2000-19736	19991207
RU 2214418	C2	20031020	RU 2001-118855	19991207
EP 1359159	A2	20031105	EP 2003-76490	19991207
EP 1359159	A3	20040721		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
NZ 511931	A	20040130	NZ 1999-511931	19991207
ZA 200304047	A	20040203	ZA 2003-4047	19991207

CN 1495198	A	20040512	CN 2003-200313671219991207	
CZ 294029	B6	20040915	CZ 2001-1748	19991207
AT 282635	E	20041215	AT 1999-963437	19991207
NZ 527241	A	20041224	NZ 1999-527241	19991207
PT 1137667	T	20050228	PT 1999-963437	19991207
ES 2230912	T3	20050501	ES 1999-963437	19991207
CZ 295044	B6	20050518	CZ 2003-1289	19991207
PL 189664	B1	20050930	PL 1999-362031	19991207
CZ 295768	B6	20051012	CZ 2004-573	19991207
CZ 295889	B6	20051116	CZ 2004-572	19991207
CZ 295890	B6	20051116	CZ 2004-591	19991207
CZ 295891	B6	20051116	CZ 2004-592	19991207
TW 593338	B	20040621	TW 1999-88121401	20000306
ZA 2001004478	A	20031201	ZA 2001-4478	20010531
NO 2001002786	A	20010720	NO 2001-2786	20010606
US 6903186	B1	20050607	US 2001-857636	20011102
HK 1037196	A1	20050324	HK 2001-107772	20011106
NO 2003002093	A	20010720	NO 2003-2093	20030509
US 2004018981	A1	20040129	US 2003-629261	20030728
JP 2004131473	A2	20040430	JP 2003-283316	20030731
JP 2005132845	A2	20050526	JP 2004-363831	20041216
US 2005233969	A1	20051020	US 2005-145782	20050606
AU 2005203169	A1	20050811	AU 2005-203169	20050721
JP 2006151988	A2	20060615	JP 2005-374822	20051227
PRIORITY APPLN. INFO.:			US 1998-111255P	19981207
			US 1998-206601	19981207
			EP 1999-963437	19991207
			JP 2000-586773	19991207
			WO 1999-EP9660	19991207
			US 2001-857636	20011102
			AU 2003-202533	20030327
			JP 2003-283316	20030731

L7 ANSWER 9 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
 CN 7-36-Glucagon-like peptide I (human), 8-(2-methylalanine)-26-L-arginine-34-[N6-(dodecylsulfonyl)-L-lysine]-35-(2-methylalanine)-36-L-argininamide- (9CI) (CA INDEX NAME)
 RN 275820-96-7 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 133:43815 CA
 TITLE: Preparation of glucagon-like peptide-1 (GLP-1) analogs
 INVENTOR(S): Dong, Zheng Xin
 PATENT ASSIGNEE(S): Societe de Conseils de Recherches et d'Applications Scientifiques S.A., Fr.
 SOURCE: PCT Int. Appl., 64 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034331	A2	20000615	WO 1999-EP9660	19991207
WO 2000034331	A3	20001116		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
CA 2353574	AA	20000615	CA 1999-2353574	19991207	
BR 9915961	A	20010821	BR 1999-15961	19991207	
EP 1137667	A2	20011004	EP 1999-963437	19991207	
EP 1137667	B1	20041117			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
JP 2002531578	T2	20020924	JP 2000-586773	19991207	
JP 3702181	B2	20051005			
AU 762012	B2	20030619	AU 2000-19736	19991207	
RU 2214418	C2	20031020	RU 2001-118855	19991207	
EP 1359159	A2	20031105	EP 2003-76490	19991207	
EP 1359159	A3	20040721			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY					
NZ 511931	A	20040130	NZ 1999-511931	19991207	
ZA 200304047	A	20040203	ZA 2003-4047	19991207	
CN 1495198	A	20040512	CN 2003-2003136712	19991207	
CZ 294029	B6	20040915	CZ 2001-1748	19991207	
AT 282635	E	20041215	AT 1999-963437	19991207	
NZ 527241	A	20041224	NZ 1999-527241	19991207	
PT 1137667	T	20050228	PT 1999-963437	19991207	
ES 2230912	T3	20050501	ES 1999-963437	19991207	
CZ 295044	B6	20050518	CZ 2003-1289	19991207	
PL 189664	B1	20050930	PL 1999-362031	19991207	
CZ 295768	B6	20051012	CZ 2004-573	19991207	
CZ 295889	B6	20051116	CZ 2004-572	19991207	
CZ 295890	B6	20051116	CZ 2004-591	19991207	
CZ 295891	B6	20051116	CZ 2004-592	19991207	
TW 593338	B	20040621	TW 1999-88121401	20000306	
ZA 2001004478	A	20031201	ZA 2001-4478	20010531	
NO 2001002786	A	20010720	NO 2001-2786	20010606	
US 6903186	B1	20050607	US 2001-857636	20011102	
HK 1037196	A1	20050324	HK 2001-107772	20011106	
NO 2003002093	A	20010720	NO 2003-2093	20030509	
US 2004018981	A1	20040129	US 2003-629261	20030728	
JP 2004131473	A2	20040430	JP 2003-283316	20030731	
JP 2005132845	A2	20050526	JP 2004-363831	20041216	
US 2005233969	A1	20051020	US 2005-145782	20050606	
AU 2005203169	A1	20050811	AU 2005-203169	20050721	
JP 2006151988	A2	20060615	JP 2005-374822	20051227	
PRIORITY APPLN. INFO.:					
			US 1998-111255P	19981207	
			US 1998-206601	19981207	
			EP 1999-963437	19991207	
			JP 2000-586773	19991207	
			WO 1999-EP9660	19991207	
			US 2001-857636	20011102	
			AU 2003-202533	20030327	
			JP 2003-283316	20030731	

L7 ANSWER 10 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
 CN 7-36-Glucagon-like peptide I (human), 8-(2-methylalanine)-26-[N6-(dodecylsulfonyl)-L-lysine]-34-L-arginine-35-(2-methylalanine)-36-L-argininamide- (9CI) (CA INDEX NAME)
 RN 275820-94-5 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 133:43815 CA
 TITLE: Preparation of glucagon-like peptide-1 (GLP-1) analogs
 INVENTOR(S): Dong, Zheng Xin
 PATENT ASSIGNEE(S): Societe de Conseils de Recherches et d'Applications Scientifiques S.A., Fr.
 SOURCE: PCT Int. Appl., 64 pp.

DOCUMENT TYPE: CODEN: PIXXD2
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: English
 PATENT INFORMATION: 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000034331	A2	20000615	WO 1999-EP9660	19991207
WO 2000034331	A3	20001116		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2353574	AA	20000615	CA 1999-2353574	19991207
BR 9915961	A	20010821	BR 1999-15961	19991207
EP 1137667	A2	20011004	EP 1999-963437	19991207
EP 1137667	B1	20041117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002531578	T2	20020924	JP 2000-586773	19991207
JP 3702181	B2	20051005		
AU 762012	B2	20030619	AU 2000-19736	19991207
RU 2214418	C2	20031020	RU 2001-118855	19991207
EP 1359159	A2	20031105	EP 2003-76490	19991207
EP 1359159	A3	20040721		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
NZ 511931	A	20040130	NZ 1999-511931	19991207
ZA 200304047	A	20040203	ZA 2003-4047	19991207
CN 1495198	A	20040512	CN 2003-20031367121	19991207
CZ 294029	B6	20040915	CZ 2001-1748	19991207
AT 282635	E	20041215	AT 1999-963437	19991207
NZ 527241	A	20041224	NZ 1999-527241	19991207
PT 1137667	T	20050228	PT 1999-963437	19991207
ES 2230912	T3	20050501	ES 1999-963437	19991207
CZ 295044	B6	20050518	CZ 2003-1289	19991207
PL 189664	B1	20050930	PL 1999-362031	19991207
CZ 295768	B6	20051012	CZ 2004-573	19991207
CZ 295889	B6	20051116	CZ 2004-572	19991207
CZ 295890	B6	20051116	CZ 2004-591	19991207
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TW 593338	B	20040621	TW 1999-88121401	20000306
ZA 2001004478	A	20031201	ZA 2001-4478	20010531
NO 2001002786	A	20010720	NO 2001-2786	20010606
US 6903186	B1	20050607	US 2001-857636	20011102
HK 1037196	A1	20050324	HK 2001-107772	20011106
NO 2003002093	A	20010720	NO 2003-2093	20030509
US 2004018981	A1	20040129	US 2003-629261	20030728
JP 2004131473	A2	20040430	JP 2003-283316	20030731
JP 2005132845	A2	20050526	JP 2004-363831	20041216
US 2005233969	A1	20051020	US 2005-145782	20050606
AU 2005203169	A1	20050811	AU 2005-203169	20050721
JP 2006151988	A2	20060615	JP 2005-374822	20051227
PRIORITY APPLN. INFO.:				
			US 1998-111255P	19981207
			US 1998-206601	19981207
			EP 1999-963437	19991207
			JP 2000-586773	19991207
			WO 1999-EP9660	19991207
			US 2001-857636	20011102

AU 2003-202533 20030327
JP 2003-283316 20030731

L7 ANSWER 11 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
CN L-Tryptophan, 1-(12-carboxy-1-oxododecyl)-L-prolyl-L-glutaminy-L-
isoleucyl-L-threonyl-L-leucyl-, (1→1')-amide with
L-seryl-L-threonyl-L-leucyl-L-asparaginy-L-phenylalanine (9CI) (CA
INDEX NAME)
RN 191092-30-5 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 130:62859 CA
TITLE: Inhibiting the dimerization of HIV-1 protease
AUTHOR(S): Zutshi, Reena; Shultz, Michael D.; Ulysse, Luckner;
Lutgring, Ray; Bishop, Patricia; Schweitzer, Barbara;
Vogel, Karen; Franciskovich, Jeff; Wilson, Matt;
Chmielewski, Jean
CORPORATE SOURCE: Department Chemistry, Purdue University, West
Lafayette, IN, 47907, USA
SOURCE: Synlett (1998), (10), 1040-1044
CODEN: SYNLES; ISSN: 0936-5214
PUBLISHER: Georg Thieme Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 127:44441 CA
TITLE: Targeting the Dimerization Interface of HIV-1
Protease: Inhibition with Cross-Linked Interfacial
Peptides
AUTHOR(S): Zutshi, Reena; Franciskovich, Jeff; Shultz, Michael;
Schweitzer, Barbara; Bishop, Patricia; Wilson, Matt;
Chmielewski, Jean
CORPORATE SOURCE: Department of Chemistry, Purdue University West
Lafayette, Indiana, IN, 47907, USA
SOURCE: Journal of the American Chemical Society (1997),
119(21), 4841-4845
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
CN β-Alanine, N'-(carboxymethyl)-N-dodecyl-2-hydroxy-N,N'-
ethylenedi-, trisodium salt, compd. with N,N-bis(2-hydroxyethyl)oleamide
sulfate (6CI) (CA INDEX NAME)
RN 122218-33-1 REGISTRY

L7 ANSWER 13 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
CN α1-13-Corticotropin, N-[12-[[5-(hexahydro-2-oxo-1H-thieno[3,4-
d]imidazol-4-yl)-1-oxopentyl]amino]-1-oxododecyl]-4-L-norleucine-7-D-
phenylalanine-13-L-valinamide-, [3aS-(3αα,4β,6α)]-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Thieno[3,4-d]imidazole, α1-13-corticotropin deriv.
RN 91311-00-1 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 101:192448 CA
TITLE: Synthesis and biological actions of highly potent and prolonged acting biotin-labeled melanotropins
AUTHOR(S): Chaturvedi, Dharendra N.; Knittel, James J.; Hruby, Victor J.; Castrucci, Ana Maria de L.; Hadley, Mac E.
CORPORATE SOURCE: Dep. Chem., Univ. Arizona, Tucson, AZ, 85721, USA
SOURCE: Journal of Medicinal Chemistry (1984), 27(11), 1406-10
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 14 OF 14 REGISTRY COPYRIGHT 2006 ACS on STN
CN β -Alanine, N-(2-hydroxyethyl)-N-[2-[(1-oxododecyl)amino]ethyl]-(9CI) (CA INDEX NAME)
OTHER NAMES:
CN N-[N-(Carboxyethyl)-N'-(2-hydroxyethyl)aminoethyl] laurylamide
RN 64265-46-9 REGISTRY

REFERENCE 1

ACCESSION NUMBER: 138:275992 CA
TITLE: Skin-mild cleanser composition with good sudsing power
INVENTOR(S): Suzuki, Shigeru
PATENT ASSIGNEE(S): Tsumura and Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003096492	A2	20030403	JP 2001-294871	20010926
PRIORITY APPLN. INFO.:			JP 2001-294871	20010926

REFERENCE 2

ACCESSION NUMBER: 126:306570 CA
TITLE: Polyoxypropylene fatty acid alkanolamide sulfate ester salt mixtures, manufacture thereof, and detergent compositions containing the same with good mildness to skin and hair
INVENTOR(S): Fujii, Tamotsu; Shiroichi, Akiko; Usuba, Kyoken
PATENT ASSIGNEE(S): Kawaken Fine Chemicals Co, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 35 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09067333	A2	19970311	JP 1995-221688	19950830
PRIORITY APPLN. INFO.:			JP 1995-221688	19950830

REFERENCE 3

ACCESSION NUMBER: 122:150332 CA
TITLE: Color reaction of iron(III) with o-nitrophenylfluorone-CEHEAELA-Brij-35
AUTHOR(S): Chen, Tongsen; Liang, Benxi; He, Bo; Cao, Zhixiang

CORPORATE SOURCE: Dep. Chem. Chem. Eng., Hunan Univ., Changsha, Peop.
Rep. China
SOURCE: Hunan Daxue Xuebao, Ziran Kexueban (1994), 21(3), 41-6
CODEN: HDAXE3; ISSN: 1000-2472
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

REFERENCE 4

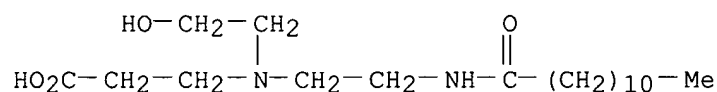
ACCESSION NUMBER: 94:214947 CA
TITLE: Inverters for Separan mannich quat emulsion polymers
AUTHOR(S): Anon.
CORPORATE SOURCE: UK
SOURCE: Research Disclosure (1981), 204, 143-4 (No. 20415)
CODEN: RSDSBB; ISSN: 0374-4353
DOCUMENT TYPE: Journal; Patent
LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RD 204015		19810410		
PRIORITY APPLN. INFO.:			RD 1981-204015	19810410

=> s 64265-46-9
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(64265-46-9/RN)

=> d str cn L8

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

CN β -Alanine, N-(2-hydroxyethyl)-N-[2-[(1-oxododecyl)amino]ethyl]- (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN N-[N-(Carboxyethyl)-N'-(2-hydroxyethyl)aminoethyl] laurylamide

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

90.31

90.52

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=> file caplus medline embase medline biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

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FILE 'BIOSIS' ENTERED AT 11:56:20 ON 04 OCT 2006
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=> s L4 or alanine dodecylamide
L9 6 L4 OR ALANINE DODECYLAMIDE

=> s 64265-46-9
L10 4 64265-46-9

=> dup rem L9
PROCESSING COMPLETED FOR L9
L11 6 DUP REM L9 (0 DUPLICATES REMOVED)

=> d 1-6 L9 ibib abs

L9 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:93135 CAPLUS
DOCUMENT NUMBER: 138:138871
TITLE: Use of hydrophobically modified oligopeptides as thickening agents
INVENTOR(S): Edelman, Dirk
PATENT ASSIGNEE(S): Germany
SOURCE: Ger. Offen., 6 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10136950	A1	20030206	DE 2001-10136950	20010728
PRIORITY APPLN. INFO.:			DE 2001-10136950	20010728
OTHER SOURCE(S):	MARPAT	138:138871		
AB	Hydrophobically modified oligopeptides R2NH(COCR3R4NHCOCR5R6NH)nCOZR1 [R1, R2 = H, C6-24 alkyl, C5-10 cycloalkyl, aryl; R1 ≠ R2 = H; R3-R6 = H,			

Me, Et, Me2CH, Bu, Me2CHCH2 (with provisos); Z = O, NH, CH2; n = 1-10, preferably 1 or 2], thickening agents that can be used as self-standing additives in water-thinned coatings, plasters, pastes, cosmetic preps. or similar systems, as opposed to the com. associatively working urethane-containing thickeners that require pre-dilution in H2O and/or solvents,

or preliminary emulsification. For example, a glossy coating composition comprising AMP 90 2.5, Borchigen ND (25% in H2O) 27.2, Borchigen DFN 5.0, defoamer (Neocryl AP 2860) 3.2, TiO2 225.0, methoxybutanol 17.0, propylene glycol 17.0, Bu diglycol 7.0, H2O 44.7, NeoCryl XK-62 540.0, H2O 110.0 and N-stearylureido-L-alanyl-L-alanine dodecylamide thickener 2.0 g had viscosity 35,000 mPa.s, vs. 20,000 mPa.s for similar dispersion containing 8.0 g Borchigel L 75N as thickener.

L9 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:928251 CAPLUS
DOCUMENT NUMBER: 138:341
TITLE: D-serine transport antagonist for treating psychosis
INVENTOR(S): Javitt, Daniel
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 10 pp., Cont.-in-part of U.S. 6,361,957.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002183390	A1	20021205	US 2002-66657	20020206
US 6361957	B1	20020326	US 1999-365889	19990803
US 2005159488	A1	20050721	US 2005-80551	20050316
PRIORITY APPLN. INFO.:			US 1999-365889	A2 19990803
			US 2002-66657	A3 20020206

AB The invention discusses method and composition for augmenting NMDA receptor mediated neurotransmission involving use of a D-serine transport inhibitor. These compns. can be made use of in treating neuropsychiatric disorders.

L9 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1966:76167 CAPLUS
DOCUMENT NUMBER: 64:76167
ORIGINAL REFERENCE NO.: 64:14299c-f
TITLE: Long-chain alkyl amides of water-soluble poly- α -amino acids. III. The association of poly(DL.-alanine dodecylamides) in aqueous solution
AUTHOR(S): Ikeda, Shoichi; Maekawa, Masakazu; Isemura, Toshizo
CORPORATE SOURCE: Univ. Osaka
SOURCE: Bulletin of the Chemical Society of Japan (1966), 39(1), 105-12
CODEN: BCSJA8; ISSN: 0009-2673
DOCUMENT TYPE: Journal
LANGUAGE: English

AB cf. CA 57, 15329h. Poly(DL-alanine dodecylamide) (I) was synthesized by polymerization of N-carboxy-DL-alanine anhydride (II) with dodecylamine (III) in dioxane (CA 57, 4786g). Molar ratios of II to III were varied from 5 to 20 to afford samples with differing d.p. The micellar properties of I in sq. HCl (pH 2) were investigated by measurement of viscosity, sedimentation, and flow birefringence. Polymers with a II/III ratio of 5 had a critical micelle concentration of 0.2-0.3 g.

dl.-1

The micellar mol. weight of this material, determined by the Archibald method (CA

42, 16d) showed that the micelle contained about 13 polymer mols. The mols. within the micelle are H-bonded to form a structure similar to the β -conformation assumed by I in the solid state. Micellar mol. wts. were deduced from sedimentation and viscosity data for materials prepared with a II/III ratio of 15 and 20, and the result indicated association nos. of 240 and 320, resp., for these polymers. Hydrophobic bonds between dodecyl groups are an important factor in the cohesion of these micelles, but intermol. H-bonding between peptide groups is also effective since the micellar size of I is very much greater than that of poly((oxyethylene) derivs. of similar mol. weight. The structure of the micelles seems to be a disordered one, composed of randomly coiled monomer mols. Preps. with a II/III ratio of 10 were unstable in sq. solution. This instability is attributed to the presence of 2 kinds of I micelles, the low-mol.-weight form with an association number of 13 and the high-mol.-weight form with an association number of a few hundred.

L9 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1963:435968 CAPLUS
DOCUMENT NUMBER: 59:35968
ORIGINAL REFERENCE NO.: 59:6528c-f
TITLE: Condensation and expansion of polypeptide monolayers.
I. Monolayers of poly-DL-alanine
AUTHOR(S): Ikeda, Shoichi
CORPORATE SOURCE: Univ. Osaka, Japan
SOURCE: Ann. Rep. Sci. Works, Fac. Sci., Osaka Univ. (1962),
10, 13-22
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB Poly(DL-alanine dodecylamide) (I) was prepared by polymerizing N-carboxy-DL-alanine anhydride, with dodecylamine initiation at various molar ratios in dioxane giving number average degree of polymerization of 5-20. Poly-DL-alanine (II) was similarly prepared with Et₃N initiation. Surface films were obtained by spreading from HCO₂H-iso-PrOH-H₂O (1: 2: 7) solution. Infrared data from I and II in solid films cast from HCO₂H solution suggest that the β -configuration is predominant in low-mol. weight, and random coiling in higher-mol.-weight polymers. Surface pressure-area curves of I and II suggest that they form condensed films. The limiting area increases as the degree of polymerization increases, tending to approach that of II, 14 A.² per residue. The formation of condensed films is irresp. of the degree of polymerization. Data on surface pressure, potential, and moment indicate that II in monolayers have DL-alanyl residues on a surface in a β -configuration, such that the Me groups are directed upwards and the CO₂H groups downwards into the aqueous phase. The surface viscosity is high at an area where surface pressure is still very low; this is characteristic of condensed monolayers. Monolayers of poly(α -amino-DL-caproic, caprylic, capric, and lauric acids), poly(DL-phenylalanine), poly-DL-leucine, poly(γ -benzyl L-glutamate), and poly(ϵ -carbobenzoxyl-L-lysine) all belong to a condensed type, in spite of the hydrophilic nature of the side chains in some of them. Copoly-1:2:1 (L-lysine, L-leucine, L-glutamic acid) and copoly-1:3:1 (DL-lysine, DL-phenylalanine, DL-glutamic acid) give condensed monolayers at pH 7, but give expanded monolayers at either side of this pH, caused by the electrostatic repulsion between ionized groups and consequent breaking of H bonds. The condensation of II monolayers is not due to the intrinsic rigidity of polypeptide main chain or to hydrophobic cohesion between side chains, but is ascribed to the H bonding between peptide groups or between side chains.

L9 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1962:476764 CAPLUS
DOCUMENT NUMBER: 57:76764
ORIGINAL REFERENCE NO.: 57:15329h-i, 15330a-c

TITLE: Long-chain allryl amides of water-sol,
poly- α -amino acids. II. Infrared spectra of
poly(DL-alanine dodecylamide)
AUTHOR(S): Ikeda, Shoichi; Isemura, Toshizo
CORPORATE SOURCE: Univ. Osaka
SOURCE: Bulletin of the Chemical Society of Japan (1962), 35,
1523-31
CODEN: BCSJA8; ISSN: 0009-2673

DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB cf. CA 57, 4786g. The infrared spectra of poly-DL-alanine (I) and
poly(DL-alanine dodecylamide) (II) were measured on
cast films from various solns. and their structures were elucidated mainly
from the location and intensity of absorptions of the amide I and III
bands. The polymer had an absorption at 1661 cm^{-1} in the amide I band if
it was in the random-coil form, but it had 2 absorptions at 1630 and 1690
 cm^{-1} if it was in the antiparallel β -form. While the amide III band
was located at 1244 cm^{-1} irresp. of the polymer conformation, the band
had an addnl. absorption at 1222 cm^{-1} for the β -conformation. From
the above correlation of the spectra with the polymer conformation, it was
found that I and II prepared with high anhydride [A]: initiator [II mole
ratios are in the random-coil form but that II of [A]:[I] ratios <30:1 is
composed of both the random-coil and the anti-parallel β -forms when
it is regenerated from HCO_2H solution II contained a greater amount of the
 β -form as the [A]:[I] ratio or the degree of polymerization became
lower. The preparation of 1:5 [A]:[I] ratio was mostly in the β -form. In
the ionized II obtained from aqueous HCl solution, the portion of the
random-coil
form increased relative to that in the non-ionized II obtained from HCO_2H
solution and the effect of the ionization was enhanced for the lower ratio
[A]:[I] prepns. I and II in HCO_2H or aqueous HCl solution underwent a partial
transformation from the random-coil to the β -form during aging of the
concentrated solution, which accompanied gelation. The solution of the lowest
[A]:[I]
ratio did not gel. In the state regenerated from gel, I and II, except
for the non-ionized lower [A]:[I] ratio prepns., had an increased amount of
the β -form as compared with that from an initial fluid solution. In the
lower [A]:[I] ratio prepns. obtained from HCO_2H solution, the reverse
transformation apparently occurred when the films cast before and after
the gelation were compared.

L9 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1962:423611 CAPLUS
DOCUMENT NUMBER: 57:23611
ORIGINAL REFERENCE NO.: 57:4786g-i,4787a
TITLE: Long-chain alkyl amides of water-soluble polyamino
acids. I. Amphipathic [surface-active] properties of
poly(DL-alanine dodecylamide)
AUTHOR(S): Isemura, Toshizo; Ikeda, Shoichi; Tokiwa, Fumikatsu;
Noguchi, Junzo
CORPORATE SOURCE: Osaka Univ.
SOURCE: Bulletin of the Chemical Society of Japan (1961), 34,
1236-42
CODEN: BCSJA8; ISSN: 0009-2673
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

AB Poly[DL-alanine (I) alkylamide] was prepared by the polymerization of
N-carboxy-DL-alanine anhydride initiated with alkyl amines at different
anhydride-initiator ratios ([A]/[I]). The amphipathic properties of I
dodecylamide (II) with [A]/[I] = 5 to 20 were investigated in comparison
with I. The degree of polymerization of I can be easily controlled by the
initial [A]/[I] ratio. The number average degree of polymerization (\bar{x}) equal
or
nearly equal to [A]/[I]. The solubility of II in H_2O is higher as \bar{x} increases,

and II with $x > 17$ is completely soluble II with any x value is soluble in aqueous acid solns.; pH is < 5.5 . The titration curve with aqueous acid solns. shows a break at this pH. The infrared spectra of II in the solid state indicate that II with higher x is almost in the random conformation and that the portion of the β -conformation increases as x becomes lower. The surface tension of II in aqueous acid solution exhibits typical characteristics of amphipathic substances. The degree of surface-tension lowering at low concentration is the largest for II of $x = 10$. The surface film of II is of the condensed type, and the limiting area is larger as x increases. II with higher x becomes more spread as surface film, more DL-alanyl residue being on the aqueous surface.

=> d 1-4 L10 ibib abs

L10 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2003:258173 CAPLUS
 DOCUMENT NUMBER: 138:275992
 TITLE: Skin-mild cleanser composition with good sudsing power
 INVENTOR(S): Suzuki, Shigeru
 PATENT ASSIGNEE(S): Tsumura and Co., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003096492	A2	20030403	JP 2001-294871	20010926
PRIORITY APPLN. INFO.:			JP 2001-294871	20010926

AB The composition especially useful baby or sensitive skin contains glycyrrhizin, its salts and/or licorice extract and is filled in a non-aerosol type pump foamer. A composition filled in a non-aerosol type pump foamer contained glycyrrhizin 0.1, N-coco fatty acid acyl glutamate TEA salt 10, 1,3-butylene glycol 5, Me paraben 0.2, citric acid 0.5, rosemary oil 0.1, Na alginate 0.3, and water the balance, imparting good sudsing power and no skin irritation.

L10 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1997:334666 CAPLUS
 DOCUMENT NUMBER: 126:306570
 TITLE: Polyoxypropylene fatty acid alkanolamide sulfate ester salt mixtures, manufacture thereof, and detergent compositions containing the same with good mildness to skin and hair
 INVENTOR(S): Fujii, Tamotsu; Shiroichi, Akiko; Usuba, Kyoken
 PATENT ASSIGNEE(S): Kawaken Fine Chemicals Co, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 35 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09067333	A2	19970311	JP 1995-221688	19950830
PRIORITY APPLN. INFO.:			JP 1995-221688	19950830

AB The title mixts. have the general formula $[RCONH(CH_2CH_2O)_x(C_2H_4O)_y(C_3H_6O)_z]$

SO₃]mM1 (R = C7-21 hydrocarbyl; x = 1, 2; yr, z = 0, 1; M1 = alkali metal, alkaline earth metal, ammonium, alkanolamine, basic amino acid residue; m = valency of M1). Me laurate was treated with monoethanolamine, and the resulting amide was propoxylated, sulfonated with chlorosulfonic acid, and neutralized with NaOH to obtain a propoxylated monoethanolamine lauramide sulfate sodium salt mixture giving a 20% aqueous solution with good foaming power, detergency, pH stability, etc.

L10 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:41069 CAPLUS
DOCUMENT NUMBER: 122:150332
TITLE: Color reaction of iron(III) with o-nitrophenylfluorone-CEHEAELA-Brij-35
AUTHOR(S): Chen, Tongsen; Liang, Benxi; He, Bo; Cao, Zhixiang
CORPORATE SOURCE: Dep. Chem. Chem. Eng., Hunan Univ., Changsha, Peop. Rep. China
SOURCE: Hunan Daxue Xuebao, Ziran Kexueban (1994), 21(3), 41-6
CODEN: HDAXE3; ISSN: 1000-2472
DOCUMENT TYPE: Journal
LANGUAGE: Chinese

AB In the presence of new amphoteric surfactant N-[N-(carboxyethyl)-N'-(2-hydroxyethyl)aminoethyl] laurylamide (CEHEAELA) and Brij-35, the color reaction of iron(III) with o-nitrophenylfluorone (O-NPF) was studied. The orange complex with molar ratio of Fe:O-NPF to be 1:3 in the HOAc-NaOAc buffer medium with pH 6.0-9.0 and in the presence of CEHEAELA-Brig-35, has the apparent molar absorptivity of $1.4 \times 10^5 \text{ L mol}^{-1} \text{ cm}^{-1}$ at 580 nm. Beer's law is obeyed for iron(III) in the range of 0-0.48 $\mu\text{g mL}^{-1}$. The method was applied to the direct determination of trace iron(III) in the natural water, tap water, hair and aluminum alloys with satisfactory results.

L10 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1981:214947 CAPLUS
DOCUMENT NUMBER: 94:214947
TITLE: Inverters for Separan mannich quat emulsion polymers
AUTHOR(S): Anon.
CORPORATE SOURCE: UK
SOURCE: Research Disclosure (1981), 204, 143-4 (No. 20415)
CODEN: RSDSBB; ISSN: 0374-4353
DOCUMENT TYPE: Journal; Patent
LANGUAGE: English
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RD 204015		19810410		

PRIORITY APPLN. INFO.: RD 1981-204015 19810410

AB The rate of inversion of a water-in-oil emulsion of a water-soluble cationic polymer to an aqueous solution (hard water) of the cationic polymer is accelerated by adding sufficient base or basic surfactant (e.g. an amide-amine betaine). Preferably, the pH is adjusted to 8.5-9. Amide-amine betaines are added in amts. ranging from 1 to 10 weight% (base on polymer). The aqueous solution of cationic polymer is an effective sludge dewatering agent.